

10/049650

JC19 Rec'd PCT/PTO 26 FEB 2002

7/A

PATENT APPLICATION 1-15-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
KATES et al.

Appln. No.: PCT/EP00/08280

Filed: Concurrently herewith Attorney Dkt. No.: 100564-00102

For: METHOD FOR TRAINING A NEURAL NETWORK

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

February 26, 2002

Sir:

Prior to calculation of the filing fees and initial examination of the application,
please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 3, 4, 6, 7, 10 & 11 as follows:

3. (Amended) The method as claimed in claim 1, characterized in that
furthermore the value of the bias of the receiving neuron is adapted in step a3).

4. (Amended) A method for training a neural network in accordance with
the preamble of claim 1 and if desired with the characterizing parts of claim 1,
characterized in that the training of the neural network comprises a structure
simplification procedure, that is to say the location and elimination of synapses that
have no significant influence on the curve of the risk function in that
b1) one selects a synapse,